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EDUCATION

Texas A&M University, College Station, TX	
M.E., Materials Science & Engineering	2008
Hong Kong University of Science & Technology, Hong Kong SAR, China	
M.S., Physics	2006
Shanghai Jiao Tong University, Shanghai, China	
B.S., Applied Physics	2004
WORK AND RESEARCH EXPERIENCE	
Argonne National Laboratory, Argonne, IL	Since 2015
Electron Microscopy Center Facility Manager	
Corning Inc., Corning, NY	
Sr. Scientist / Material Scientist	2008-2015
Texas A&M University, College Station, TX	2006-2008
Research Assistant in Electrical and Computer Engineering Department	
Hong Kong University of Science & Technology, Hong Kong SAR, China	
Research Assistant in Physics Department	2004-2006

PUBLICATIONS AND IMPORTANT PRESENTATIONS

Alex Y. Song, Rajaram Bhat, Andrew A. Allerman, <u>Jie Wang</u>, Tzu-Yung Huang, Chung-En Zah, and Claire F. Gmachl, *Quantum cascade emission in the III-nitride material system designed with effective interface grading*, Applied Physics Letters, 107, 132104, 2015.

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continuous-wave operation of distributed Bragg reflector quantum cascade lasers, Applied Physics Letters, 104, 071109, 2014.

Q. Fu, <u>J. Wang</u>, B. Wheaton, K. Geisinger, *Crystallization mechanism of Lithium Aluminosilicate (LAS) glass ceramics: nucleation, viscosity and microstructure*, 10th Pacific Rim Conference on Ceramic and Glass Technology, PACRIM10-SB-023-2013.

Gary Li, Lingyan Wang, Andrew Bradshaw, Fang Lai, Yan Jin, <u>Joyce Wang</u> and Bassam El-Fahmawi, *An Efficient Way to Prepare DNA from Large Volume Samples*, WDD 17: Next Generation DNA Sequencing (NGS) and Microarray, 2013 World DNA and Genome Day.

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<u>J. Wang</u>, J.H. Kwon, J. Yoon, H. Wang, T.J. Haugan, F.J. Baca, N.A. Pierce, P.N. Barnes, *Flux Pinning in YBa*₂ $Cu_3O_{7-\delta}$ *Thin Film Samples Linked to Stacking Fault Density*, Appl. Phys. Lett. 92, 082507, 2008.